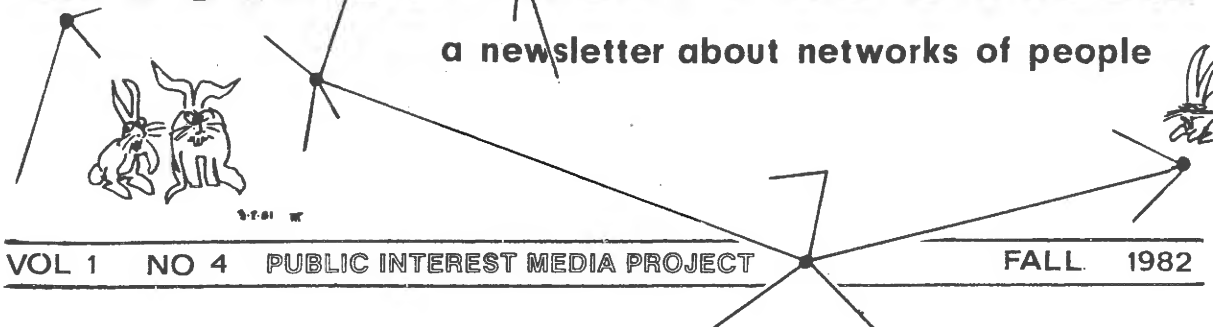


OTHER NETWORKS

a newsletter about networks of people



VOL 1 NO 4 PUBLIC INTEREST MEDIA PROJECT

FALL 1982

Inside This Issue

- 2 INTRODUCTION
- 3 A NETWORKING GAME
- 4 BOB THEOBALD IS A FUTURIST by Joy Steltzner
- 7 CONTINUING ED.VIA TELECOMMUNICATIONS (EIES)

... VISIONS and DREAMS ...

Some of the items (Infoman particularly) in this special section have been waiting for an appropriate context into which they would fit and make sense. The World Future Society's meeting last July on "Communication and the Future" helped me to see that there is a growing awareness of network ideas among people looking for new formats through which to order our society. Each of the articles in this section looks at a different aspect of the coming "information society"/ -- SP

- 8 PROPOSAL FOR A COMMUNICATIONS CENTER by Johnny Light
- 10 COMPUTER LIB/DREAM MACHINES
- 13 INFOMAN
- 16 VISION OF A NEIGHBORHOOD OFFICE IN 1985

by Peter & Trudy Johnson-Lenz

- 18 "PARTICIPATE" ON THE SOURCE
- 19 AGRICULTURAL NETWORKS
- 21 BOOK REVIEW: Networking: A First Report and Directory
- 22 4 pages from folks who used an "Interest Book" at the W.F.S. conference
- 26 SMALL WORLD MESSAGES (see yellow form to enter your message)

For those of you who have picked up Other Networks for the first time, I will attempt a short explanation:

"Networking" is a new term for the old process of people connecting people.... Everyone has their personal network of relatives, friends, associates and other contacts such as shop keepers etc. which supplies them with their connections to the rest of humanity. Other Networks exists to serve people who are interested in augmenting and extending this process as a means to continuing the well being of themselves as individuals and of all peoples.

.o000o.

SETH HORWITZ, my associate and co-editor has received a fellowship to study Library and Information Science at Drexel University and will be limiting his work on O.N. to an advisory capacity.... hopefully, he will be writing a report for our use concerning the "learning network" he has developed for the Ridley Township Public Library... good luck, Seth, in all your endeavors... and thanks for your good energy in making O.N. possible!

MUCH OF THIS ISSUE is a reaction to the World Future Society's gathering this past July, "Communications and the Future". Many of the people who have written for or have been written about on these pages attended this meeting. The many new contacts and reams of new material which will be available because of this one meeting will affect a number of future issues of O.N.

IN THIS ISSUE we will be looking into a number of "dreams and visions". Some of the ideas incorporated in these visions already exist in practice while others may never be implemented -- only time will tell --

ALSO in this issue are four pages of messages from people who attended the W.F.S. conference and wrote in a "MESSAGE BOOK" which was located in the "networking room" set up by Bob Theobald.

*** **

I want especially to thank Ted Nelson for permission to use the items from his book in my clipping collage and Joy Steltzner, Johnny Light, Peter & Trudy Johnson-Lenz, Steve Washam and Bob Pistilli for their contributions.

David Smith of the World Future Society arranged for the "bonus" leaflet which describes the exhibitors at the WFS conference. These were left over from the conference and David saw that we would put them to good use! (These have gone only to paid subscribers and a few others on first come basis, the supply is limited!)

--Stan Pokras

OTHER NETWORKS

Volume 1, Number 4 Fall 1982

This newsletter is published quarterly by PUBLIC INTEREST MEDIA PROJECT, a Pennsylvania non-profit, tax-exempt corporation. All contributions are tax-deductible.

OTHER NETWORKS is written by and for people interested in networking. We invite contributions of letters, art, articles, photos, graphics, volunteer help and money (which is tax-deductible).

© 1982 OTHER NETWORKS

Permission to reprint material should be obtained in writing in advance from Other Networks.

Subscriptions are \$15.00/year (four issues), or \$5.00 for those living lightly. Subscriptions are also offered as payment for contributions of articles, information or other assistance and are exchanged for other publications. Those who cannot afford to subscribe or cannot contribute in some other way may write us a note once a year, no one will be denied access to information! (See the Subscription form, p 32)

Editor: Stan Pokras

Back cover design (and the bunnies) by:

Bob Pistilli
Return address design by:
Gejza Mika

Proofreading by Sally McCabe and Julie Kay Mills

Special thanks for inspirational help and other assistance to Sally McCabe Ann Weiser, Bob Theobald, Ben Young, Pat Wagner, Leif Smith, Seth Horwitz and our wonderful treasurer,

Julie K. Mills.

OTHER NETWORKS
P.O. Box 14066
Philadelphia PA 19123
(215) 922-0227

OTHER NETWORKS

The process which culminated in my attendance at the World Future Society's conference "Communication and the Future" in Washington DC this past July, began in a correspondence group (known as a "multilogue" or many-to-many or APA, depending on who you ask). Of the several people involved, I'd like to thank especially Ann Weiser for helping me make the leap of imagination it took to get me to spend money to attend a conference. As it happened, I was asked by Ben Young to participate in a panel on networking. What I chose to do was this GAME:

A NETWORKING GAME *

...developed by Pat Wagner & Leif Smith

Most leaders of groups have some "opening activities" which help the group members to introduce themselves. In this process, individuals introduce themselves to each other one on one and then act as referral agents, helping those people who might be interested in meeting each other to do so.

Each person participating is told to think of TWO things. One thing that they can offer to another person and one thing that they need. Then they are instructed to find someone who they don't know and share with them the things that each needs and has to offer. These needs and offers are totally up to the individual but as the host or emcee for this affair, you can suggest that they be things which pertain to some topic relevant to the group or that they be something which can be taught, learned, traded, bought, sold or any combination thereof. I prefer letting the individuals choose with as few instructions as possible. Let them use their imagination!

It is fairly important to allot a particular amount of time for the exchange to take place. Use a stop watch and a minute before it is time to change partners, start announcing that time is almost up, people should begin winding up their exchanges and prepare to repeat the process with another person. I usually use four minute intervals. After the first four minutes, the people are asked to find a new partner, and to remember what the person that they just spoke to needs and has to offer.

In a group of about sixty people, three changes of partners seems adequate. Each time the group changes partners the emcee can remind the participants to refer each other when they run across a likely match. By doing this the room begins to buzz with active networkers pointing out to each other who to see next and facilitating new contacts of hopeful import.

After bringing the group back to order, I like to have them share stories about who they met and what intermediaries had to do with the process. It is at this point too that I feel it is good to mention that the "messages" or "information" which they had been passing around became "seeds" for contact and that these contact "seeds" can be looked upon as "communication MOTIVES", but these are my ideas and they are not needed for the process to work. These words just give me a theoretical ground upon which to base my understanding of what makes this "game" so highly effective even in fairly small groups of people who seem to already know much about each other!

* Pat & Leif maintain the office for "open network" in Denver and have published a small book under the title of The Networking Game, which consists of some of the very best advice to networkers; it doesn't describe the above game, however. The Networking Game is available for \$2 from:

Network Resources, P.O. Box 18666, Denver, CO 80218

--SP

Bob Theobald is a futurist

BOB THEOBALD (through his "Linkage" network and a "multilogue" started by Ann Weiser) was a major factor in my decision to attend the World Future Society's conference. I had hoped to do a 'close up' story on Bob for this issue but one of the participants in Bob's two day seminar, Joy Steltzner, has written a much better article than mine, so you are spared my writing for the moment.

I just want to mention that Bob is doing important work. He brings closet social change agents out into the real world and tries to connect them with others. Though Bob is somewhat confusing because of his "tentative and questioning style", everything he says and writes is part of a whole body of thought. On first contact, sometimes Bob seems to be tilting at windmills, but when you look hard at one of those windmills, it becomes a dragon and Bob has run it through!! Watch for his new book *Avoiding 1984* which should be available this fall if you are looking for a strong statement on social transformation; in the mean time here's Joy's vision of the WFS conference and of Bob.

-- SP

By Joy Steltzner

What will our future be like? Will we live in bleak, technological ghettos like the one depicted in the film *Blade Runner* where it's almost impossible to tell humans from robots?

Will the survivors of nuclear war return to a vicious, primitive lifestyle as portrayed in *The Road Warrior*?

Will we explore intergalactic frontiers, fighting over technology that can create or destroy whole worlds as in *Star Trek — The Wrath of Khan*?

Or will we reach out to each other in love and friendship, finding realms of new friends like "E.T."?

Much of the present evidence for the future is not good: Spouse abuse and child abuse are up. Personal and national arsenals mount. Millions are out of work. Millions more are starving. Our planet is suffering. And we behave as though one person is capable of running a country as complex as the United States. We act as though Ronald Reagan has the answers for us.

He doesn't.

But each of us has a piece of the answer. And 3,500 of us met in Washington, D.C., in July to talk about how to put the pieces together.

This is an incomplete, biased, subjective account of my experiences at the World Future Society conference in Washington, D.C., in July.

I could search out some way to make you think you were getting a broad, antiseptic overview of the five-day conference attended by more than 3,500 people from 25 countries. But that wouldn't be honest and wouldn't allow me to share my vision of our future.

Most of the people at the conference on "Communications and the Future" looked like white, middle-class Americans over the age of 30, though the issues discussed certainly affect people of all races, classes, ages and cultures. Many at the conference were scientists, scholars, bureaucrats or techno-junkies. Most seemed to be doing their best to stoke up on an information overload that could turn Einstein's mind to mush.

I fought the journalistic urge to run from lecture hall to lecture hall, hearing more than I could ever hope to write down, much less remember. Instead, I sought out people who wanted to talk about what kind of future we want to create.

Robert Theobald is a tall, solid man, a study in cultural contrasts. He wears Western cut shirts, bluntnosed Western boots and black string ties secured at the neck with silver and stone ornaments. Yet he speaks rapidly with a mild British accent. Born in India, raised in Europe, he now lives in Arizona.

Theobald, 53, is the author of several books, a lecturer and a "futurist" which, in his case, means he cares very much about where we are going and how we get there. In addition to speaking as a member of several panels at the conference, he facilitated a two-day course "primarily for those who are committed to creating fundamental change."

He polled the small group on the same questions he asks audiences at the beginning of his speeches:

"How many of you read science fiction?" he asked. A few hands went up.

"How many of you don't read science fiction?" Other arms raised.

"How many of you don't know if you read science fiction or not?" he said triumphantly, leaning forward. Laughter.

"You see what I mean?" he said.

Like most of the audiences he talks to, the majority of the small group believed that the American educational system isn't preparing young people for the world in which we live, that it's unlikely that we'll ever get back to full employment and that the "social contract" that keeps us from robbing and hurting each other probably will break down within this decade. And, finally, the group believed that a major nuclear war is very likely.

"So, you see, that's my point," Theobald said. "The Emperor Has No Clothes." So we might as well admit that to each other and get on with doing something about it."

But some group members said they are reluctant to admit that there are difficult problems.

"There's an enormous block in me in acknowledging others' hopelessness and despair," said Ann Weiser, a psychotherapist from Chicago. "A few weeks ago, I was in a cross-cultural exchange program involving people from 19 countries. A West German man I met there said he had a problem and didn't know how to deal with it. People (he met) from every other country except the United States said the same thing — they had a problem that they didn't know how to deal with. But he didn't find one American who would say, 'I have a problem and I don't know how to solve it.'"

She hadn't been willing to admit that she, too, hadn't been able to deal with a situation by herself. "I had thought it was me. I had a problem and I couldn't solve it. But it wasn't just my problem. It was a kind of cultural sleep I had been in."

Theobald nodded.

"There is a real sense in this culture that if something's going on, somebody wants it to be going on." He told the story of a friend who wanted to watch an in-flight movie on an airplane but wasn't receiving any sound through the earphones. He called the stewardess who brought him another set of earphones. Still no sound. They decided it must be the seat, so he tried a new one. Finally, they discovered that the entire sound system was faulty.

"Nobody was getting any sound but nobody else had said anything," Theobald said incredulously. "They all figured if they weren't getting any sound, it must be a silent movie."

Tony Parrotto, the owner of a graphics company in a Philadelphia suburb, said he understood the example. But, he wondered aloud, if you can't trust "them" to make things work the way they're supposed to, how do you figure out what you believe and what you want, especially when everything's changing all the time?

"My parents were very confident in communicating to me their frame of reference," he said. "I'm not as confident when I speak to (my daughters). My frame of reference is changing, often negative."

"The frame of reference has to be changeable," Theobald responded. "Teachers pretend that they don't have a frame of reference. And that's part of the problem. We need to say, 'Look, this is where I stand. And my frame of reference may be shifting.'"

"We need to make uncertainty our friend," added Marilyn Harris, a social psychologist who owns a consulting firm based in Flint, Mich.

The sighs, nods, raised eyebrows and defeated expressions around the group told eloquently how difficult it is to make uncertainty our friend, how uneasy we feel when we try to get comfortable with being uncomfortable.

We had spent two days talking about change — how to cope with it, whether men or women were better prepared to lead people through it, how leadership could be shared, what models existed for group action. We felt a commitment to creating change. Still, the illusion of safety provided by the familiar was so compelling.

"We're moving from the industrial age to the communications era in two generations," Theobald said. "There's no way to hang onto your values your whole lifetime without disruption."

CONTINUED →



Bob likes to work at many levels of society promoting change and creative thought. He is especially effective in his speaking engagements before civic and social groups which are concerned with the state of the economy, their own institutions or the outlook for the future. In the above photo, Bob (seated on the floor) is working from the bottom up in an informal session in the "networking room" which he sponsored at the WFS conference.

Bob carries on a vast correspondence through his bi-monthly mailings, Linkage network and interactive books such as *We're Not Ready For That, Yet* which invites reader's replies. He has a tape recorded session titled *The Emperor Has No Clothes On* which you can use to involve your friends in a transformational thinking process as well as a new book: *Avoiding 1984*. Write BOB THEOBALD, Box 2240 Wickenburg, AZ 85358. (602) 684-7861

CONTINUED FROM PREVIOUS PAGE

Marilyn Ferguson, author of *The Aquarian Conspiracy* and publisher of two future-oriented newsletters, spoke in Dayton last October and at the World Future Society conference about changing values.

Traditionally, survival has been the goal, Ferguson said. Now, more and more people are taking survival for granted and choosing growth as the goal.

Ferguson has found that, more and more often, people are choosing:

- Freedom, spontaneity and risk over safety.
- Vulnerability over the need to be right and the need to be liked.
- Potential over permanence.
- Insight over the desire to have the right answers.
- Power WITH others instead of power OVER others.

Rigidity needs to give way to flexibility, Ferguson said. Competition needs to yield to cooperation. We can't do it alone any more.

Advocates of the emerging value system are aware that it is often viewed as naive, weak and simplistic by people who have been raised in a competitive, power-based culture. But they are also convinced that, as more and more people come to hold these new values, a "reality shift" can take place that will make our world more peaceful, human and loving and that will open us to future changes in perception. Intentional change will not be led by institutions, they insist. It will be brought about by individuals.

"I used to lead workshops on how people could change to fit the institution," said Wendy Redman, assistant chancellor of the University of Alaska. "Now I see that the institutions need to change."

"People inhabit the world. People have values. People can get together," said Jessica Lipnack who, with Jeffrey Stamps, authored the book, *Networking, The First Report and Directory*. They define networks as a web of free-standing participants linked by shared values.

Many people who attended the conference are looking to the kind of cooperation and shared power expressed in networks as a way to take responsibility for creating our own future.

Joy Steltzner is a former assistant city editor for Dayton Newspapers Inc. She is studying institutional change that is based on a change in values and is writing about how individuals are struggling to cope with major changes, especially in the work place. She would like to make contact with individuals who have insight or experience in these areas and welcomes referrals to people, groups, institutions, publications, etc. Write JOY STELTZNER, 5131 Wellfleet Drive, Dayton, Ohio 45426 (513) 837-0751

We must start talking to each other about the tough issues and listening to different viewpoints, Theobald emphasized. "If we can't deal with abortion now, how will we deal with surrogate mothers, gene banks, et cetera?" in the biological revolution which he predicts will be upon us in the '90s.

"Right now, we're driving on the edge of the cliff with two wheels off the road," Theobald said. "At the moment, if something goes seriously wrong, we have very little time to react. We're approaching overload. The State Department, for example, can handle only so many crises at one time. We need to get a wider path and to be more on track."

In Dayton, and in hundreds of communities like Dayton, people have already begun to make the kind of "reality shift" that advocates of emerging values talk about. For example, some people have shifted their concern from getting good medical care to staying healthy. Some people have stopped calling for more cops and started expressing concern for each other in Neighborhood Watch programs that have not only cut crime but increased neighborliness in the form of more block parties.

These lesser-known activities complement more well-known local efforts such as the planned Research and Development Park, in which the University of Dayton, Wright State University, the Air Force Institute of Technology and Sinclair Community College have joined forces. And the Community Roundtable is a nationally recognized experiment in bringing community leaders together in a non-partisan atmosphere to build consensus on key issues.

Neighborhood Watch programs reflect another theme that was threaded through the conference: Connectedness. We are connected with people not only physically, but mentally, emotionally and spiritually. What we do affects not only those with whom we are in contact but — in some way — affects everyone. And the more we get overloaded (with information, experience, etc.) the more we need to connect.

"Networking leads to a concept of oneness and love and peace," one of the conference organizers told an audience at a session on the last day.

"But what about nuclear weapons, the arms race?" asked someone from the audience.

"We don't have to kill anymore," she said slowly. "We can communicate."



CONTINUING EDUCATION PARTICIPATORY SEMINARS
via
COMPUTER TELECOMMUNICATIONS

New Jersey
Institute of Technology

A new kind of seminar taught on your schedule, in your home or at your workplace, with teachers and experts from all over the country, and with more personal involvement than any continuing education class you have ever taken before is now being planned by the New Jersey Institute of Technology.

These seminars will be taught through computer terminals or microprocessors connected to a nationwide easy-to-use computerized conferencing system. Students will take part in on-line classes, ask and answer questions, and communicate as often as they need to with the instructor and other students. They may do this at any hour of the day, any day of the week that is convenient for them.

The New Jersey Institute of Technology is proud to introduce this innovative program planned for 1983. We expect to offer programs during three semesters: spring, summer and fall. More than 20 courses will be offered in this program relevant to managerial, professional and technical areas.

Among the topic areas planned are:

PROFESSIONAL WOMEN & THE WORKPLACE
WHAT EVERY MANAGER SHOULD KNOW ABOUT ARBITRATION
MANAGERIAL WRITING
DECISION SUPPORT SYSTEMS
TECHNOLOGICAL FORECASTING
MICROPROCESSORS
PASCAL PROGRAMMING
HUMAN COMMUNICATION VIA COMPUTER

COMPUTERS & SOCIETY
THE DELPHI METHOD
CREATIVE WRITING
LOCAL AREA NETWORKS
COMPUTER LITERACY
APPLE II PROGRAMMING
TRS-80 PROGRAMMING
OFFICE AUTOMATION

The Electronic Information Exchange System (EIES) at the New Jersey Institute of Technology is a computer based communications system which links together 700 people all over North America and in Europe. It is an organized communication space which provides various structures for the exchange of information. Users may send and receive messages, engage in electronic conferences or "meetings", jointly draft articles and reports, contribute to and read computer-based "journals", and design computer aids tailored to their own work.

"Eventually, we think there will be dozens of EIES clones, around the country and abroad," says Murray Turoff, EIES designer, "all linked together, with thousands of people using this new form of communication. Meanwhile, we are opening up the existing system for people to propose whatever applications they can think of."

The three month seminars described above will cost approx \$600, while access to EIES ranges from \$25 per month (for "observers") to \$75 per month for full members, plus communication fees which start at about \$6 per hour of connect time.

A schedule of EIES "fact sheets" is available. The fact sheets describe the many facets of EIES and list other reports and research papers available. The Fact sheets are free from: The Computerized Conferencing and Communications Center, New Jersey Institute of Technology, 323 High Street, Newark, NJ 07102



Murray Turoff

PROPOSAL FOR A COMMUNICATIONS CENTER

Adapted from

The Power and Significance of Communications Networking:

a networkers package By Johnny Light



We have discussed many facets of the new communications media, from an overview of communications itself, thru networks and networking, over networks as the new social organization to the political and personal ramifications of these media tools.

The total world is comprised of the sum of the motives, intentions and personal energy and resources that people have managed to tap within themselves. (the world of human society and civilization, that is)

Now, we will turn our discussion to the practical; how do we get started on the road towards social and political transformation utilizing these media.

The community is the basic unit for building a communications network. A communications network is composed of centers located geographically in every community. These communications centers will appear organically, as the constituents in the corresponding communities collectively understand the value and necessity of such centers to facilitate the evolution of a surviving and cooperative planetary society.

The linking of each and every center will naturally occur through the networking phenomenon. Like attracts like. Those centers with mutual interests, goals, and values will interconnect in appropriate ways.

The communications center is the physical place (as well as conceptual and spiritual) within a defined community that facilitates the participation of individuals in the communications process on a local, decentralized basis.

The people initiating and operating the center must understand that the goal of the center is the full participation of everyone

in the community in the communications process. No one is excluded except by their own personal choice.

Access to the information and technology of the center is open to everyone. Some will be able to afford their own equipment and will link appropriately. Others will not wish to own a personal computer, for example, and choose to use the computer at the center instead. Both options are open.

A communications center will grow as the participation grows. Obviously, there will be some type of membership or operating fees to be able to fund and operate the center. But such membership policies and operating fees must not be prohibitive to those who cannot legitimately afford the cost.

Those who can legitimately afford the costs and who utilize the center to its maximum will be assessed the primary responsibility for funding the center and its operating costs.

It may seem like a fine line to draw and a difficult one. Keeping to a policy of non-exclusion, within the limits of the defined community, and not get too "soft" on those who are legitimate beneficiaries of the services of the center. Such hard choices are left to the discretion of the operators.

So the initiators and operators must have a place. This place could be anywhere, preferably a business district where access via mass transit is possible. But it could begin in a room in a house, a church basement, an empty school room, a vacant, city owned building, a farmhouse or barn. As the technological capacities for connection within the community are enhanced, the "place" will not be as important. Connection will happen directly through the new communications media, without the need for "walk-in" traffic. But it is nice to maintain a level of personal interaction, face-to-face to enhance the joy of living and intimate sharing with people.

A lot of space is not needed. The space that a "million-dollar" computer needed ten years ago is vast compared to the same storage capacity today. A large amount of information can fit into a small space--this trend will continue. The key question to the amount of space that is necessary is--how big, how fast, and how many operators and offices will be necessary? You could choose to decentralize the center even further and operate specific services from different, home centered spaces. What matters is the ultimate coordination of these services and their dependable accessibility to the community.

Besides space, and a good team of operators you will need the tools of the trade. There are thousands of systems available. You will have to choose and evaluate the appropriateness of each to your immediate and long term applications.

What services would such a communications center provide? The first service would be to link people with other people and their mutual support networks. People of common interests, goals, values or with mutual issues or concerns could be connected with each other. See the section on How To Set Up A Networking Center which specifies where to get information, how to organize it and what to do with it once you've got it.

A networking center is a subset of a communications center. Most people will begin with the setting up of networking centers and they'll evolve into full-fledged communications centers.

People could be linked with products, resources, or services in their community. Or with specialized resources and services not available locally in communities worldwide.

A skills or learning exchange could be operated to connect teachers with prospective students, the masters with the apprentices, providing alternative educational opportunities for the community.

A job board, a housing and living situation exchange to assist new people in the community could be set up.

There would be a library and research function, an information and news center. An access center where one can find absolutely anything one's seeking in the information field. Plus people could access technical, how-to information in appropriate technology, crafts, etc.

*\$10 from Guild Communications II, P.O. Box 1017, Redway, CA 95560

Communications centers would be a clearinghouse for community news and views. They would also be a media center for the two-way reception and transmission of such news and views between communities. Community news would be available locally and globally to interested individuals, networks, and other communications centers via satellite.

Other functions of a communications center would be to publish (thru the computer) catalogs and directories of products, resources, services, library and educational materials, audio-visual materials, and other channels of communications available to the community.

And the last primary function of a community based, communications center could very well be that of facilitating a participatory democratic process on all 4 levels of governmental interaction: the local, the regional, the nation-state and globally.

Local and regional government by the people and for the people can solicit and encourage input from the individuals in the community on a wide range of issues and concerns affecting that same community.

Serious global concerns such as war, famine, disease, and natural disasters could be dealt with on this level with the participation of everyone on a local level.

And supposedly democratic nation-states might someday understand the value of truly conscious and participatory democracy when in the hands of people directly, not through representatives and top-down bureaucracies.

If you cannot come up with a \$100,000 for the tools of the center, then start out anyway with a telephone and a room somewhere and offer networking services. There's a lot that can be done with ever so little. Hold the vision of what can be, high in your mind and never forget why you're networking in the first place.

Begin where you are, but do begin. Don't let anything stop you. Let mistakes and false starts be the fuel for learning and better ways next time around. Let the obstacles be challenges and opportunities.

Even if there's not a dedicated team of operators at the beginning, begin with yourself. You will not regret it. And the people you need--and those who need you will come. Just put out the right energy.

COMPUTER LIB*

HYPERTEXT

©1974 Theodor H. Nelson.
All rights reserved.

EIGHTH PRINTING, February, 1982

Additional copies available from:
the distributors
702 South Michigan
South Bend, IN 46618
Normal Trade Discounts Available

Any nitwit can understand computers, and many do. Unfortunately, due to ridiculous historical circumstances, computers have been made a mystery to most of the world. And this situation does not seem to be improving. You hear more and more about computers, but to most people it's just one big blur. The people who know about computers often seem unwilling to explain things or answer your questions. Stereotyped notions develop about computers operating in fixed ways--and so confusion increases. The chasm between laymen and computer people widens fast and dangerously.

This book is a measure of desperation, so serious and abysmal is the public sense of confusion and ignorance. Anything with buttons or lights can be palmed off on the layman as a computer. There are so many different things, and their differences are so important; yet to the lay public they are lumped together as "computer stuff," indistinct and beyond understanding or criticism. It's as if people couldn't tell apart camera from exposure meter or tripod, car from truck or tollbooth. This book is therefore devoted to the premise that

EVERYBODY SHOULD UNDERSTAND COMPUTERS.

It is intended to fill a crying need. Lots of everyday people have asked me where they can learn about computers, and I have had to say nowhere. Most of what is written about computers for the layman is either unreadable or silly. (Some exceptions are listed nearby; you can go to them instead of this if you want.) But virtually nowhere is the big picture simply enough explained. Nowhere can one get a simple, soup-to-nuts overview of what computers are really about, without technical or mathematical mumbo-jumbo, complicated examples, or talking down. This book is an attempt.

Computers are simply a necessary and enjoyable part of life, like food and books. Computers are not everything. They are just an aspect of everything, and not to know this is computer illiteracy, a silly and dangerous ignorance.

Computers are as easy to understand as cameras. I have tried to make this book like a photography magazine-- breezy, forceful and as vivid as possible. This book will explain how to tell apples from oranges and which way is up. If you want to make cider, or help get things right set up, you will have to learn from here.

By "hypertext" I mean non-sequential writing.

Ordinary writing is sequential for two reasons. First, it grew out of speech and speech-making, which have to be sequential; and second, because books are not convenient to read except in a sequence.

But the structures of ideas are not sequential. They tie together every whichway. And when we write, we are always trying to tie things together in non-sequential ways (see p. 344). The footnote is a break from sequence; but it cannot really be extended (though some, like Will Cuppy, have toyed with the technique).

I have run into perhaps a dozen people who understood this instantly when I talked to them about it. Most people, however, act more bemused, thinking I'm trying to tell them something technical or pointlessly philosophical. It's not pointless at all: the point is, writers do better if they don't have to write in sequence (but may create multiple structures, branches and alternatives), and readers do better if they don't have to read in sequence, but may establish impressions, jump around, and try different pathways until they find the ones they want to study most closely.

(The astute reader, and anybody who's gotten to this point must be, will have noticed that this book is in "magazine" layout, organized visually by ideas and meanings, for that precise reason. I will be interested to hear whether that has worked.)

And the pity of it is that (like the man in the French play who was surprised to learn that he had been "speaking prose all his life and never known it"), we've been speaking hypertext all our lives and never known it.

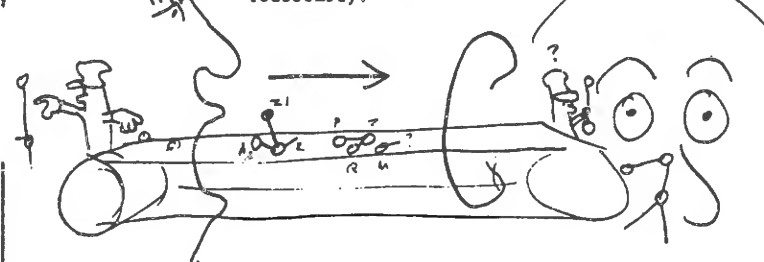
Now, many writers have tried to break away from sequence. I think of Nabokov's Pale Fire, of Tristram Shandy and an odd novel of Lazarro Cortazar called Hopscotch, made up of sections ending with numbers telling you where you can branch to. There are many more; and large books generally use many tricks to get around the problem of indexing and reviewing what has and hasn't been said or done already.

However, in my view, a new day is dawning. Computer storage and screen display mean that we no longer have to have things in sequence; totally arbitrary structures are possible, and I think that after we've tried them enough people will see how desirable they are.

It is refreshing that what Nelson observed in 1974 about computers is so timeless. He sees beyond machinery to the growth of consciousness.

-- SP

Verbal communication-- whether written or spoken-- is the disassembly of the Tinkertoy of thought into pieces, and placing it on a conveyor belt to its place of reassembly.



Now, it happens that a great deal of writing is concerned with notes to the reader about accordances in the material. In fact, quite a few words are exclusively concerned with subtly pointing out to the reader the accords and discords within the expository structure of what he is reading. We may call these accordance-connectives or accordance-notes.

Two of the most basic terms are indeed and but.

The word indeed has an interesting function.

The word indeed (in its main use, at the beginning of a sentence) indicates an accord between what has just been said and what is to follow. In other words, it functions as a positive transition, impetus or gas pedal, indicating a continuation of the flow in the direction already indicated. So do the words thus, then, therefore, moreover, so and furthermore. These are infix accords, that is, notes of accord that go between two items. We also see prefix accords, such as since, inasmuch as, insofar as; these have to be followed by two clauses, the second of which is in accord with the first.

The word but is exactly the opposite. It indicates a discord or contradiinction, a negative transition, "brakes" in the flow. Other such infix discords include nevertheless, despite this, on the other hand, even so, and Actually... Similarly, there are prefix discords: while, despite, though..., notwithstanding.

I find this topic of inquiry very interesting. These sorts of terms have been used since time immemorial by writers adjusting their transitions for smooth flow (note such antiquity variants as heily, howbeit, withal, forasmuch and howsomever), but the importance and structure of this service has not, I think, been generally understood.

(Note also that there are more intricate accordance-connectives: I wish we could go here into the structure of In fact..., at least, ...if not..., ... otherwise..., Anyway..., and Now....)

Computers deal with symbols and patterns.

Computers deal with symbols of any kind-- letters, musical notes, Chinese ideograms, arrows, ice cream flavors, and of course numbers. (Numbers come also in various flavors, simple and baroque. See chocolate box, p. 24.)

Data structure means any symbols and patterns set up for use in a computer. It means what things are being taken into account by a computer program, and how these things are set up-- what symbols and arrangements are used to represent them.

The problem, obviously, is Representing The Information You Want Just The Way You Want It, in all its true complexities.



Come Dream along with me:
The Best Is Yet To Be.

DREAM
MACHINES

* graphics & text reproduced with permission of the author

Ted Nelson's book Computer Lib/Dream Machines, from which we excerpted the items on the previous pages, delves into the wide range of social issues raised by the electronic (computer) media's almost unbelievable flexibility and potential for affecting the ways in which we work, think and organize our lives and our society. Nelson presents his readers a unique viewpoint on the history of computers and describes clearly some of the important computer languages along with their uses and how, by whom and why they were developed. His presentations on languages used for computer graphics provide a view of this area of computerdom rarely seen even by those of us who read "computer magazines" to "keep up". He offers "thumbnail" descriptions of some of the "great" computers such as the PDP-8 & the IBM 7090 which he terms the classic computer. He talks about computer people, computer kids, computer pranks, jokes, games, how computers are bought and sold, financed and maintained. He describes the people who make computers and the companies. Then he gets into the issues: computer aided instruction and how it relates to education (along with some very interesting ideas on education...) and Artificial Intelligence:

"...Some artificial-intelligence enthusiasts think there is no limit on what machines can do. They point out that, after all, the brain is a machine. But so is the universe, presumably; and we're never going to build one of those, either." /DM - p 12

It is in the realm of "text", however (and methods for facilitating human thought) that Nelson is most at home. Text (and the means of its preparation and use) should follow patterns of thought. Computer terminals can make it possible for text to follow the reader's thoughts as well as the writer's. This has been the basis for Nelson's work over the last two decades (before the term "word processing" became popular, Nelson called it "text handling" which he still feels is more appropriate, "you do not process words, you simply put them away and get them back out.")

His ideas on text are developed in Dream Machines and evolve into the "Xanadu" project described in some detail in the center of the book (the end of the "Dream Machine" section). These ideas are more fully described, however in his book Literary Machines. There he describes a system which has

"...the ability to create LINKS between documents: any user may attach bookmarks or private notes to any document in the system, as if making marginal notes in a personal copy. Thus each user has an increasingly personalized library that grows and grows without necessarily requiring huge amounts of storage. For you to have "your own" copy of a book, all that is required is one stored copy of the book somewhere on the network, and the small amount of storage space somewhere needed to hold your link information.

But this does not mean a document once stored is "frozen". Its owner may change it continually without invalidating the links that users have attached, since they are permanently attached to the particular place in the changing document. This unique and unusual Xanadu attachment [applies] both to the old version and [to] corresponding places, if any, in more recent versions. Such a powerful facility, we think, must be the heart of any future library network. We believe no one else understands the problem and so no one else has even begun to work on it, whereas we have fully solved it. The problem is EVOLVING STORAGE WITH STABLE LINKS."

--from a Xanadu pamphlet

Literary Machines is available for \$15 from: Ted Nelson, Box 128, Swarthmore PA 19081

Computer Lib is \$12.95 plus \$1.50 postage from The Distributors, 702 S. Michigan,

South Bend, IN 46618

WE LIVE IN AN AGE OF INFORMATION, a time when knowledge combined with other resources in action is our greatest source of power.

Today in the United States over half of both our jobs and our Gross National Product are directly related to the production, Management, and dissemination of information. This means that in this country more money is spent on information than on all other things combined. Information and its delivery have clearly become the most important product and service in our economy.

Far from being free, information is among the costliest of commodities and becomes costlier by the day. As the world's store of available information doubles every ten years or so, it becomes harder and harder to sort through it all to find that which is of value. We rely increasingly on sophisticated technology and trained specialists to monitor our world and make some sense of the chaos. More and more of the decisions which affect our lives are being made by the experts because it is considered too costly to keep the average citizen well informed about our complex world.

This situation has left many people with feelings of powerlessness and frustration. Most people don't have the knowledge or resources to get the information necessary to be in control of their own lives.

While leaders in business and government get detailed research and reporting on any subject which should interest them, ordinary folks like you and I get junk mail. In an era when information means power, is this democracy?

OUT OF THE GLOOM and despair emerges an unlikely hero. It is INFOMAN, champion of the Born of frustration and ne- book fantasy come to life to do ston. He is not an expert at fed up with systems and ways people who pay for them, who ence. This is what he believes:



pair emerges an unlikely hero. It is information rights of everyday people. necessity, the INFOMAN is sort of a comic battle against ignorance and oppres- all; rather, he is an ordinary man of thinking which don't serve the is determined to make a differ-

The ECONOMICS OF SCARCITY IS A MYTH. The Earth has all the resources in abundance to fulfill all people. The knowledge of how to do this is also available. The only remaining task is one of education, communication, and organization.

EVERY PERSON has a unique and precious contribution to make to the whole of humankind.

In line with these beliefs, the INFOMAN serves as a resource person and networker to facilitate people in learning to help themselves. He seeks out like-minded spirits with whom to share, work and grow.

- THE STORY BEGINS NEXT PAGE

The above piece of writing was the introduction to an information exchange service which was to promote free exchange of information, and people to people resource and idea sharing. It listed the particular services which the INFOMAN offered. The page closed saying: "More than anything, the INFOMAN needs your love and understanding. There are two important things to remember: THE INFOMAN IS NOT AN EXPERT. He cannot provide ready-made answers, but can aid you in your search. THE INFOMAN IS A HUMAN BEING. If sometimes I appear distant or afraid, it is because I am. Nothing to me is more frightening than the prospect of intimacy. I fear hurting and being hurt. If I am being distant or fearful please tell me so, and help me to change." (signed) Steve Washam, the

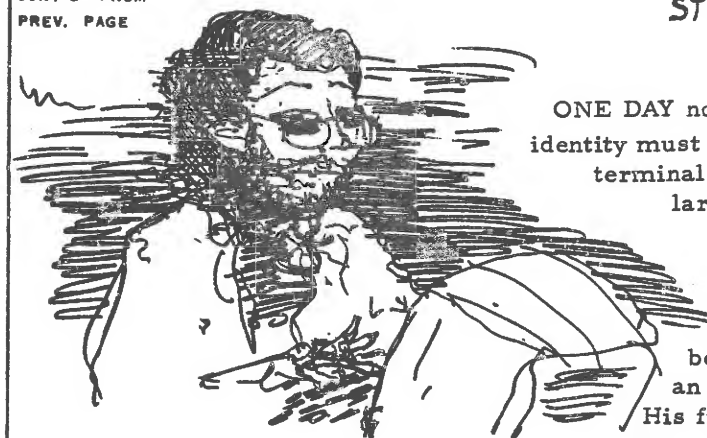
INFOMAN

As you may be able to tell, when I received this powerful yet sensitive announcement (in 1980), I felt heartened and encouraged in my own work (which has led to this newsletter). I took the page to Bob Pistilli, creator of "Picture Man" (relentless [although confused] pursuer of evil) and together we worked out the outline of the scenario which follows. Bob did the sketches on a long roll of paper which is a scroll and the story must be told by unrolling the paper, but you (dear reader) get to see it via the magic of reduction Xerox and cut-and-paste. Oh, and before I forget, for you really hard-core networkers, yes, the Steve Washam oft quoted in Networking, a First Report and Directory, is also the creator of I N F O M A N. (of course this INFOMAN has been slightly modified from Steve's original concept) But, enough digression. on with the tale....

CONT'D FROM
PREV. PAGE

THE COLLABORATIVE STORY of INFOMAN

ONE DAY not too very long ago, a young man whose identity must forever remain a secret, sat at his terminal in the offices of one of our nation's largest firms.



his terminal, his heart longed for freedom and self-determination and his soul sought a means to be of service to all humanity!!!!

No one has yet determined just what happened, but as the days of his employment had worn into years our young friend became charged with an enormous URGE. His fingers began to itch every time he sat down at



The itch and longing led to frustration, the frustration to anger

and that led him out of the office...

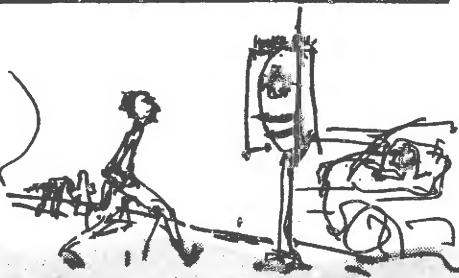
...into a small shop where he purchased a micro computer in a small brief case.



What plans were in his mind, we can only guess at, what means for carrying out those plans will be a mystery forever... But we do know this: locked in his mind were the key phrases and the code words, the ID numbers, pass words and phone numbers and secret routings, timings and schedules of the entire electronic world of commerce, banks, libraries and data communications. The huge banks of stored information were his to put to use, or alter, if only his fingers could move fast enough to fool the checks on the SYSTEM!

But, what use should he put this access to ?

...what use INDEED !!!!



"Champion of the INFORMATION rights of Everyday people!"

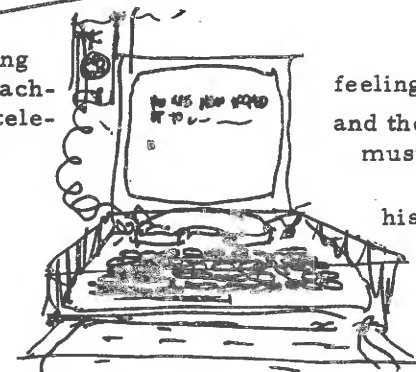
S. WASHAM
E. S. POHARS
with drawings by
Bob Pistilli

AS our young friend approached the first telephone on the street, his

feelings

and the itch in his fingers must have determined his fate for him...

his fingers hummed...



...his eyes grew bright,

A NEIGHBORHOOD CASE...



within his mind he knew that something special needed to be done. The longing for freedom, the seeking of a means to be of assistance to others less fortunate than himself became an obsession...



...the fingers...

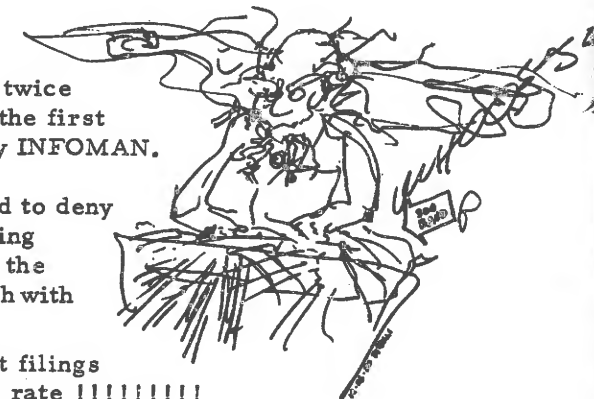
the fingers vibrated, faster and faster and the infinite routings of communication carried his impulses from the phone booth to corporate headquarters, from computer banks in local cities by satellite to distant countries.

He sought out the "little man"...

Someone who was being billed twice for a magazine subscription was the first person in history to be rescued by INFOMAN.

Someone else whose files were being used to deny her credit and someone who had been waiting months for a disability check were among the people who's problems he began to dispatch with abandon!

He corrected misspellings and incorrect filings at an enormous rate !!!!!!!!!



EPILOGUE:then one day, as INFOMAN worked on the corner at his favorite phone booth, and as the children who played at his feet looked on in horror, the Thought Police came to take our hero away. Innocently, the children asked, "Why are you doing this to him?" and the Thought Police replied: "Would you want INFOMAN to get his fingers on your data?" would YOU? ...

VISION OF A NEIGHBORHOOD OFFICE IN 1985 *

by Peter and Trudy Johnson-Lenz

NOTE: all the electronic technology mentioned here is available now. All that is missing are the social, political and economic structures to integrate the technology into the work routines of community-based organizations. Will it take until 1985 to make this future scenario a reality?

August 9, 1985

Janice Robertson felt the mugginess already, even at 9 a.m., and wished the August heat wave would pass. As she watered the plants and drew water for her "solar" tea pot in the Neighbors Together office, a discouraged looking woman walked in. "Hello, can I help you?" asked Janice. "Buenos dias," responded the woman, "Habla usted espanol?"

"Si," said Janice, who then invited the woman to sit down and explain her problem. The woman was new to the area and was having terrible difficulty finding housing for herself and her three young children. She also needed a job. After a long conversation about the woman's needs, talents, and resources, Janice asked her to relax for a few moments while she checked her housing and employment files.

Janice walked over to the microcomputer in the corner and put in the community information disk. After a quick search, she found five apartments which seemed suitable, including one offered by a Hispanic landlady just yesterday. She also consulted the employment file and found three possibilities. As these were printing out, she asked the woman about her preferences for food and neighborhood services so she could enter keywords into the electronic welcome wagon program. Soon the computer printed out a series of ads and coupons for local shops where Spanish was spoken. The woman was confused about the machine clattering in the background, but after Janice showed her the results and explained them, she smiled broadly and said several times, "Muchas gracias, muchas gracias!" As the woman left, she seemed to walk taller and step more lightly.

Janice smiled to herself. The microcomputer really was the "superorganizer" as the staff jokingly called it. By keeping the neighborhood office files and handling routine work like mailing lists, newsletters, reports, letters, meeting minutes, lists of volunteers, and more, it freed up time for Janice and other staff members to get out into the community or be in the office to work with people and their problems, rather than paperwork. Later on that afternoon, some folks from the Clinton neighborhood would be coming over to enter and print out their newsletter, as well as a current mailing list. And to think that people used to have parties to hand address

newsletters! Now they can get together for other reasons. Although a few neighborhoods used small computers as early as 1976, it would have seemed strange to rely on a microcomputer in a neighborhood office five years ago, in 1980. Now it was a necessary tool.

The microcomputer was also essential for the skill banks and the barter exchanges which developed during the 1981-1982 mini-depression. Even now with a healthier economic climate, neighbors continue to barter and trade skills, services, information, and goods. Energy audits with computer support were more popular in the early '80s before mandatory weatherization took effect, but even now the computer helps analyze potential energy loss from homes on request, usually when homes are bought and sold. And the 1985 interim census data for neighborhoods is going to be formatted for neighborhood "micros" in compliance with the Neighborhood Act of 1984 which will be of tremendous help to Neighbors Together in preparing their yearly plans and budgets.

By now, several other staff members had arrived in the office and the usual bustle began picking up, with phones ringing and people going in and out. Janice took this opportunity to use the microcomputer to call up the city teleconferencing system and join in the ongoing neighborhood coalition meeting. Since she checked last, there were new comments and responses entered on the city-wide Office of Neighborhoods budget, the topic on neighborhood balloting and the cable TV system, minutes from yesterday's Planning Commission hearings, and discussions of how to spend funds from tax revenues returned to the neighborhoods. As she studied the new material and began thinking about her responses, Janice remembered all the time she used to spend going to meetings. Now she could participate in many more electronic meetings and task group activities from the office at times of her own choosing and meet with others in person only when it was important for social reasons or to resolve difficult interpersonal problems.

But before she could get to entering her thoughts and ideas into the teleconferencing system on these matters, Janice needed to do some work on the joint proposal she and a friend from the Community Coalition were writing for a pilot project involving day care centers in city government offices for employees' children. As usual, the government was lagging behind the private sector where this had been done on a broad scale for several years. Again, Janice used the microcomputer and city teleconferencing system to enter her draft section on implementation objectives and timeline. Her material would be waiting for her Community Coalition friend to read whenever it was convenient. After they finished their drafts and did some text editing to correct spelling and format the budget and other tables, they would print out the proposal ready for duplication. How nice to have the machine to print out the final draft with no massive retyping!

Janice still had some time before meeting some other staff members for a late lunch and their daily afternoon walk around the neighborhood. She used the "micro" to connect to the national Neighborhood Information Sharing Exchange (NISE) to see what experiences other community organizations had had with in-house day care. Looking through the NISE database, which was established in 1981, she found no information about day care centers in government offices, so she raised an inquiry in the community inquiry-response network. After stating her question briefly in five lines, she also composed

Peter & Trudy Johnson-Lenz are professional community computer consultants. They are the authors of MIST, a networking program subtitled: "The Networkers' Electronic Tool Chest!" For more information about MIST, contact their distributor, New Era Technologies, 2025 Eye St. NW Suite 922 Washington, DC 20006 (202) 887-5440

(Continued from Previous Page)

a page of background information to expand the question. She knew that the brief question would be sent to the hundreds of community-based groups in the network and only those with interest in the topic or information to share would get the background material. She would check again in several days to see what responses had been entered to her question. Sharing problems and solutions like this between communities on a regional and national basis started in 1979 with a small project connecting rapid growth communities. As inquiries are answered, all the responses are shared with all those interested. After sharing information among people in this way, it is then condensed and entered into the NISE database.

Janice logged off the system and turned off the machine. She had had a very productive morning, thanks to their electronic "superorganizer." Time for lunch. It was still hot and muggy, and she would be glad to see the late afternoon thunderstorms that were forecast. She walked out the door with the other staff members and they began sharing their mornings' experiences.



...some of us will be very anxious
to make our first terminal purchase!

Computer conferencing on THE SOURCE*

If two heads are better than one at problem-solving, what about 20,200, or even 2000? That is the theory behind PARTICIPATE, the first computer conferencing service made commercially available to the general public, via THE SOURCE.

PARTICIPATE facilitates a rapid exchange of ideas and information among the nearly 20,000 subscribers to THE SOURCE. Questions can be posed for response by small, select groups -- or by an audience as large as the subscriber base itself.

PARTICIPATE allows a branching-off of subtopics from any preceding conference. This approach, which more closely simulates human thought and conversation processes, takes advantage of the extensive storage and information-branching capabilities of the large mainframe computers of the SOURCE.

PARTICIPATE allows conference sponsors to decide whether to open their conferences to all subscribers on the SOURCE or only to a selected group.

The initial uses being made of PARTICIPATE are primarily business related, according to Chandler Harrison Stevens, creator of the service and President of Participation Systems, Inc.

"Beyond obvious savings of time and money, PARTICIPATE tends to foster more direct, concise discussion," says Stevens. "Freed from group pressure and time constraints, people are better able to express their true feelings. The result is a more efficient and valuable type of communication within and among groups."

FOR INFORMATION call (800) 336-3366

*this item was edited from a longer version published as a press release by THE SOURCE, this is not a review or endorsement of the services described.

-- SP

TILTH PEOPLE

In 1974, Gigi Coe, Becky and Woody Deryckx and Mark Musick formed Tilth to sponsor the Northwest Conference on Alternative Agriculture. Held in Ellensburg, Washington in November of that year, the goal of the conference was to bring together the diverse groups and individuals who had been working independently to create a new agriculture - small farmers, urban gardeners, land reform advocates, environmentalists, and food systems activists. Nearly 800 people attended the three-day conference, and interest ran high in workshops and discussions on all phases of crop and livestock production, seed exchanges, and alternative energy sources.

That first Tilth conference was an exciting, unique event. It certainly achieved its objective of establishing communication among people throughout the region working to strengthen small farms, establish alternative distribution networks, and expand urban gardening programs.

In February of 1975, the first issue of what has become the quarterly journal Tilth, Biological Agriculture in the Northwest, was published to carry on the information exchange initiated at the Ellensburg conference. Tilth continued as an informal network for two and a half years. In Aug. of 1977 Tilth was officially incorporated as a non-profit research and educational association "to support and promote biologically sound and socially equitable agriculture."

--reprinted from Provender
indian summer 1982

Now Tilth has established the Tilth Information Service (TIS) to provide farmers, foresters & gardeners in the Pacific Northwest with a mail-order book service for agriculture with strong organic & conservationist leanings.

The Summer 1982 TIS catalog is dedicated to home food systems, defined as "...series of steps that take food from the garden (or nesting box, barnyard or tree)

to the plate." Books and pamphlets reviewed or listed in the catalog cover everything from Farming for Self-Sufficiency thru Gardening with Children, Butchering at home, to Preserving the Harvest. It even touches on Aquaculture, tree crops and edible landscaping. The TIS catalog is so comprehensive that it would be worth paying money for, even if it weren't free.

For More Info write:

Tilth Information Service
13217 Mattson Rd.
Arlington, WA 98223

Membership in Tilth -- \$10 includes quarterly journal.

The NORTHWEST PROVENDER ALLIANCE --an organization founded to further co-op development & better communications in the alternative food system, has announced that they are moving. Their new address:

Northwest Provender Alliance
P.O. Box 3588
Portland, OR 97208

They will continue to offer their journal Provender which we mentioned in our resources section last issue.

UNIVERSAL CHILDRENS' GARDENS NETWORK has a newsletter dedicated to children's gardening groups around the world. In the Garden covers about every aspect of kids in the garden, as well as the organizations that serve them. Heavy into the Spiritual, Cosmic and Universal Oneness but otherwise balances out with useful resource info and network news shorts. \$10/yr write to: Universal Children's Gardens
P.O. Box 2698 Grand Central P.O.
New York, NY 10163

-- Sally McCabe

(Sally is an urban gardening instructor for the Philadelphia Urban Gardening program sponsored by Penn State University. Her assistance with food related issues is quite welcome!)

-- SP

Book review: NETWORKING; A First Report and Directory

Jessica Lipnack & Jeffery Stamps

Paper/ \$15.95 - Doubleday

Here is a book that hit the ball and got on the bases when it could have been a home run! Buried in the strange organization of the book is the brave story, well told of "Another America" -- America's newest volunteer sector. Networking describes the beginnings and growth of a multitude of organizations which have struggled into existence primarily on the sheer need for new approaches to problems and which are going about their business by the use of a process that used to be called "word of mouth."

Networking covers a wide spectrum of social and political concerns describing the formation and interactions of groups of people who work together to deal with the issues of our times. Networking is a guide book to the history of the "movement" from the days of protest in the '60's to the present. It lists in its directories over 1500 groups, piecing together a story of the real life effort of real people to gain control over the forces which affect their lives.

In her book The Aquarian Conspiracy, Marilyn Furgeson began to make available the descriptions of activities which enabled more people to involve themselves in the governance processes which arise when people join together to make public concerns their own concern. Jessica and Jeffery have continued her work. Having put down The Aquarian Conspiracy with a new sense of connectedness to humanity, I am picking up Networking to facilitate my understanding of how the parts of the "conspiracy" have and are managing to interconnect, relate and evolve.

The book has some unfortunate flaws, however. The interweave of the directory material with the text and the authors' somewhat over-zealous approach to interpreting what they are reporting about makes the book difficult to use and sometimes confusing. The casual reader will be distracted from the historical flow of the text by the imposition of the directories, and those seeking directory materials are sent helter-skelter throughout the book in search of the needed addresses and descriptions of the groups. These faults have caused people who would otherwise have realized the book's value to dismiss it as trivial. I suggest that these people reconsider their opinion.

Although confusing in the organization of its directories, the text of this work contains many poignant and even important insights. While writing about our rapidly changing world, the authors point out that "It is not the technological surprises or shifting social patterns or sudden political events that make it so difficult to forge a vision of the future. Rather, it is the degree of conscious choice that human beings have with regards to the path we take..."

From the realm of "newsletters" and community organizations through Stanley Milgram's "Small World" social network experiment to the design of a modern conference involving Anthony Judge's conference participation messaging systems, by way of mail, telephone and computerized conferencing, the odyssey of research for this book described by the authors took many turns; given direction by the sometimes random, sometimes uncannily assertive process of networking.

One path which they chose to take led them to the U.N. and to Robert Muller, Secretary of the U.N.'s Economic and Social Council. To Mr. Muller, "Networking can become an essential philosophical tool of better living..."

"If I were a head of state," says Muller, "I would support networking because it gives so many people a sense of purpose... We are four and a half billion people on this planet and each wants to be recognized as 'somebody', as an entity."

"Networking is done by people who have no networks. That seems to be a fundamental law. Those who have the major networks don't want to engage with those who have new views about humanity. For example, the multinational corporations give the cold shoulder to the U.N. Having power, they don't want to network with the international agencies. The big TV stations don't want to network with new-age groups. They have their own monopoly. The New York Times doesn't want to network with anyone."

As part of a presentation to the Pacem In Terris Society held at the UN on May 27, 1982, Robert Muller (right) who appears here with the authors of Networking, challenged the "movement" people of the U.S. saying: "Young people have made a mistake not to discover the U.N." He also encouraged the representatives of the publisher, Doubleday, to look to the wealth of talent and global perspective available here in America, through the UN.



"NETWORKING FOR GLOBAL PEACE"

"The greatest networkers," Muller asserts, "are... people like Buddha, Jesus, Gandhi, Schweitzer, Teilhard de Chardin, Martin Luther King, Hammarskjold, U Thant, people who really transcended races, nations, and groups... Those great people were not networking during their own times only, but they continue to network over the centuries into our own times. Their dreams, thoughts and feelings are still alive today."

"As we move towards the bimillennium, perhaps networking will become the new democracy, a new major element in the system of governance, a new way of living in the global, miraculous, complex conditions of our strange, wonderful, live planet spinning and circling in the prodigious universe at a crossroads of infinity and eternity."

Anyone who seriously sits down with this book will find new worlds. This is a book and yet it is, as its publishers hail it, a new kind of "map", a rough, early map of a new territory; a map of communication links which struggle to exist and encourage further participation. You are invited to explore.

Write to Robert Muller at:

Jessica Lipnack and Jeffery Stamps
may be reached at:
P.O. Box 66
West Newton, MA 02165

United Nations Economic
and Social Council
United Nations, Room 2977
New York, NY 10017
(212) 754-5727

-- SP

WFS interests

THE FOLLOWING 4 PAGES of messages were collected in a "book of blank spaces" titled W.F.S. INTERESTS and placed in a conspicuous place in the "networking room" at the World Future Society's conference last July.

GAMES

I am interested in forming a network of persons who are interested in inventing, developing and marketing all kinds of games. I am strong on conceptualization and design but relatively weak in translating my ideas into products and their marketing. Some games I have worked on are: simulation baseball, presidential elections & chemistry cards.

ALAN HARROD 1030 E. Lancaster
Rosemont, PA 19010 (215) 527-2622

ELECTRONIC PUBLISHING

Image NETWORK,
JOHN COPELAND, proprietor
Star Rt. Box 262, Muir Beach CA 94965
(415) 383-1281

EDUCATION - POST-SECONDARY

Traditional/formal post-secondary educational institutions & mind sets are rigid & resistive to transformation (as well as simple change!). I'm interested in sharing & exchanging information with academic administrators, students, teachers, others involved w/formal educational institutions on ways to enhance & liberate the learning possibilities imprisoned within these walls.
WENDY REDMAN - Univ. of Alaska
719 Chandalar, Fairbanks, AK 99701
(907) 479-5994 (907) 474-7112

EQUITY ISSUES IN INFORMATION

If it is true that information is power, then those who have access to it first gain the most and have greater advantages to continue gaining information & power. Conversely, those who have less information at the beginning will remain behind in information access and power. What steps can be proposed to assure an equitable information access and use scenario in the future?
NICK VALENZUELA P.O. Box 7029
Stanford, CA 94305

FOR PEOPLE POWER AND PEACE

I am a free-lance person, poet, parent & retired scientist, interested in actualizing personal and planetary potentials, networking activist-ing, etc. In dozens of orgs for social change & others proposed, including AHP, Unitarian Universalists, Senior Citizens, local inner city community orgs and new age Aquarians --
ALDINE GUNN 521 N. Long
Chicago, IL 60644 (312) 378-6933

NETWORK OF LIGHT

The Network of Light is expanding, from New England to Florida & across the U.S.A. & the planet. Please let me know of your network so that we may connect.
RENATE SORENSEN - East Coast Network of Light, R.F.D. Canajoharie, NY 13317
(518) 284-2187

RESEARCH IN EDUCATIONAL TECHNOLOGY

I am interested in conducting research on educational technology (eg microcomputers) in schools with a high proportion of Hispanic students. I am interested in receiving information on research being conducted on the use of micro computers for teaching and learning, particularly research on teaching computer languages, equity issues and effective software.
FRANCES MORALES, Ph.D. P.O. Box 6285
Stanford, CA 94305 (415) 964-7110

PHILA. CABLE/ TELECOMMUNICATIONS

Extremely concerned about the future of cable systems in Phila. Public access and local organization city-wide interconnection systems.

Resources of all concerned - - cable operators, institutions, public access and public television and radio must pool their resources to meet the goals of the future.
BILL WEBER - WHYY, Inc. 150 N. 6th St.
Phila PA 19106 (215) 351-1270

WFS Interests

MUSIC & OTHER ARTS

As a recorded songwriter, I've had lots of success in writing about love and lust... I see that it's time for me to expand my creativity and include new themes: A) the isolation & fear that lie behind all negative behavior (including war). B) the incorporation of the new technology into our lives in creative, life enhancing ways. C) the use of new media - ie. holography, video, sound synthesizers. I'd like to correspond with any one who is either creating new music or is involved in the visual arts & would be interested in collaboration or the sharing of info.
RUTH ROSEN 84 Charles St, #14
NYC, NY 10014 (212) 929-5204

MUSIC &

I am a jazz musician interested in contacting other jazz musicians for pooling resources and time for electronic music - beyond jazz or below it - and hopefully making non-commercial recordings & performances in the Philadelphia area.
GARETH DOWNS 220 Locust St. 14E
Phila PA 19106 (215) 629-0361

LEADERSHIP

American Leadership Forum is a new national not-for-profit educational enterprise devoted to providing policy level executives - mostly from the private sector - with perspectives, tools and linkages to enable them to become effective leaders in the public interest (politics, non-profit boards, education, task forces -) and through that involvement, to experience personal self-renewal.
MARTY KRASNEY - American Leadership Forum, 111 N. Postoria, Houston TX
(713) 680-3330

TECHNIQUES FOR SURVIVAL/FOOD FOR THE FUTURE

Intensive food production systems - water recycling fish & vegetable small scale coupled ecosystems. USE: urban fresh food, arid food at-hand, energy efficient, ecologically sound - 200 ton + per acre yields
TOM HOPKINS Hopkins Research, Box 200
Frederick, MD 21701 (301) 662-3425

COMPUTER NETWORK/MASS MEDIA LINK

Mass media & computers complimentary for communicating communities. Mass media provide point/focus of common awareness for an entire community. Computer storage and relational capabilities provide means for variable links from voluntarily supplied info on interests/resources/skills, etc mass media provides point of entry (P.O. Box, etc) to computer or other nets.
JAYE MARNEY 218 E. 82nd St. (5RE)
NY, NY 10028 (212) 744-1068

MASS MEDIA

I'm doing research on "main stream" and "alternative" press coverage of occupational health, raising questions of "definitions of reality", communicating complex scientific & technical information, etc. I'm also interested in issues of media coverage of science & technology in general.
CHRIS ANNE RAYMOND - Dept of Sociology
Cornell Univ. Ithaca, NY 14853
(H) (607) 277-0674 (W) (607) 256-4266

NEW ECONOMICS - NEITHER CAPITALIST OR COMMUNIST

I am a retired teacher who has taken up study of alternative economics, esp 'Small is Beautiful' type. I travel giving talks on this to free people's minds from the materialism of capitalism and communism and open them to option of economic democracy & quality of life. I talk to churches, schools, service clubs, etc, also publish booklets & am working on a text book of economics.
MARIAN LORING - Values Economy School
Box 7 Tagent, Alta T0H3J0, CANADA

NEW LIFESTYLES

The old nuclear family is a dying breed (one male breadwinner, one homemaker wife, 1.9 kids, 1 dog). We need new forms of family living that puts together different ages, different sexes, sexual relations etc. I'm interested in communicating with people who are interested in this issue.
RENEE KOGLER - CSU Chucos, 4 Quista Dr.
Chico, CA 95926 (916) 345-6755

WFS interests

INSTITUTIONAL CHANGE

How can institutions (such as businesses, colleges, etc.) respond to forces that are shaping the future? Can they at all? Or do we need new institutions?

JOY STELTZNER 5131 Wellfleet Dr.
Dayton, OH 45426 (513) 837-0751

CITIZEN PARTICIPATION "PROCESS"

We are a network for those active in citizen participation. Written material in 3 1/2 inch columns are included in each issue to members. After one active year, PROCESS is presently less-than-active, but could be revived easily.

I personally am working on using networking in citizen participation by public policy-makers. We at Regional Municipality of Ottawa-Carleton are beginning to use this approach. Write for copy of paper (free). CHRIS BRADSHAW - PROCESS, Box3405 Sta. D, Ottawa, K1P6H8 CANADA (613) 230-4566

INSTITUTIONAL CHANGE

In large corp to earn a living (network systems & office automation). Interested in learning what others have/are doing & what I might do to promote inst. change, hi synergy, cooperation, computer conferencing & holistic planning...

JAYE MARNEY 218 E. 82nd St. (5RE)
New York, NY 10028 (212) 744-1068

EMERGING CAREERS

I am interested in new emerging careers, a book co-authored by me will be available after the first of the year: New Emerging Careers in the Year 2000 & Beyond. Dr. N. FEINGOLD 1522 K St. NW Washington, DC. 20005 (202) 463-7544

PEACE & SOCIAL TRANSFORMATION

I'd like to start a network at Chicago Circle (W.I.C.), possibly the Chicago area in general. I have many ideas about our society and the direction it's taking. Would like to share and discuss these ideas with anyone interested. (correspondence welcomed). PAUL GLAVIN 3905 N. Spaulding Chicago, IL 60618 (312) 478-6792

HOLISTIC EDUCATION

Home-based schools, innovative methods, holistic education, back to basics, back to nature movement, putting children & adults back in touch with inner realities, equal development of inner and outer consciousness into an active and involved whole. Firm foundation of inner outer development prior to entrance into the technological sphere will humanize it rather than dehumanize it. ELIZABETH GLASOVATZ P.O. Box318 Randolph, MA 02368 (617) 963-3358

INNOVATIONS, CREATIVE APPROACH PUBLICATION

We are interested in receiving info on new ideas, new ways of approaching anything & all, Technology, inventions, processes, specific details on people, organizations, implementation in business & personal. For a newsletter that will be informative & expanding, stimulating & educating to the reader.

KEN BANSCHICK - BOARDROOM, INC.
500 Fifth Ave. NY, NY 10110 (212)354-0005

SATELLITE COMMUNICATIONS

Domestic satellites: Satcom, Westar, Comstar, are in the public domain. Their potential should be utilized & further developed so as to achieve their full potential which has yet to be fully imagined. For starters, relaying of information as quickly as possible, accessible and unrestricted to all.

STEVE CROWE -SATELLITE STEVE
202 N. Serrano Ave L.A. CA, 90004
(213) 666-1014

JOURNALISM/COMMUNICATIONS

I am doing research in information processing. As a graduate student in Journalism/Communications, I would like to find a company or interest group that needs a student to do a promotional project, or research paper, that will serve as a publishable thesis. Being a 6th yr student, I do ask that my expenses are very limited. Thanks RORY REARDON Box 5124, Univ MS 38677 (H) (601) 232-7237 (601) 234-4664

WFS INTERESTS

EDUCATION

Our project is the future. Involved in a model that enables teachers to have decision-making power in their local schools. LA VERNE BENNETT -Chicago Teachers Union - 201 N. Wells St. Chicago IL 60606 (312) 346-1823 (home 534-9477)

SOCIAL TRANSFORMATION

Our focus is on transforming society to one that has the well-being of every last human as its top priority. We see the prevailing worldview/belief structure (paradigm) as the major obstacle to a humane social transformation. The two main thrusts of our work are: 1, Devising, refining and sharing more useful worldviews and belief structures. 2, Developing the art of membership (belonging) and sharing our findings. JIM CRAIG - SYNERGY POWER INST 1190 Miller Ave. Berkeley, CA 94708 (415) 549-0839

PUBLIC INTEREST/PUBLIC ACCESS MEDIA

The Alternative Project is a campus group (Uof Md, Balt. County) designed to present info and access to info, working with campus media. Also, referral and assistance services, trying to keep the whole thing as personalized as possible.

Info co-op (not yet named, still forming) is a citywide, computer-based service trying to assist individuals and groups in finding info, finding people who need their services, and indexing groups based upon self-assessment of their concerns. Could become a solid network base!

NATHAN GOLDBERG 2928 Guilford Ave.
Baltimore, MD 21218 (301)243-8161

PRE-HISTORIES

With the view that an historical society is to articulate the time-binding process...past-present-future, I am interested in hearing from historical society members who may have a similar view. W. FERRON HALVORSON (RRVHS) P.O. Box 87 Fargo, ND 58107 (701)235-5370

EVOLUTIONARY SERVICES INST

Evolutionary development = bringing a desirable transformation to the world. Evolutionary Transformation = models, concepts, values, techniques to bring about evolutionary development.

Evolutionary Services Institute = development of technique for transformational change for individuals and organizations and training in the techniques. LAWRENCE DE BIVORS - E.S.I. 6106 Mac Arthur Blvd. Bethesda, MD 20816 (301) 229-9300

INVOLUNTARY HUMAN EXPERIMENTATION

Interested in contacting person(s) or orgs. working with citizen/patients who have been involved in experimental human telecommunication implants. NLIA KUUMBA -Health Care. 2900 14th St N.W. Washington, DC 20009 (212)MO 7-2872

NETWORK TO ESTABLISH A COMPUTER

Emerging problems in our society need cooperative problem solving by scientists, technicians, who are inter-disciplinary, but may be separated, and need a linking method which will carry abstracts, key word indexes, permuted titles, ability to combine sorting codes. Already available nets may be used, but support from the private sector is needed. Any contacts and ideas on forming the starting network is needed. D.L. JEWETT Univ. of Calif. Rm U-471 San Francisco, CA 94143 (415)666-5132

ORGANIZATIONAL CHANGE

We are a 40 person consulting group dealing with organizational change. Our clients are primarily in Calif. and our goal is to network our client CEO's with central theme of organizational growth. JACK HAYES - SUMMIT CONSULTING Crosby Center, P.O. Box 1029 La Jolla, CA 92038 (714) 455-0300

Small world

is a file of messages kept by the Media Project both as a service to our readers and as an example of a stored message system which facilitates networking. All messages are kept on file for a year and appear in this newsletter at least once. (see the yellow form)

SMALL JOURNAL PROPOSAL

I would like to team up with (possibly by mail) others interested in publishing a small journal. The theme would be the esthetics of nature and natural living. It would include poetry, art, articles on plants (identification) teaching children how to recognize plants and birds, insects etc. It might include articles on ways to use plants but would not primarily be either scientific or economic in approach. I would like to see a combination of art, photography, poetry and experiences in nature, even microphotographs of insects, drops of water etc. It would be "statements" of nature by trying to let nature speak through art, poetry, photography without too much moralizing, politicking etc. I'm thinking of a 5 x 8 format published once or twice a year to start. It might be sold through book stores, gift shops, nature centers, health food stores etc... Initially the cost would need to be divided among participants. How practical is this idea?

TEACHER SEEKING POSITION

I would like to teach remedial and/or developmental reading. Can teach all ages but prefer the young and the old, namely children up to 9 or 10, and adults. This is not to exclude teen-agers or young adults but I work best with these groups. I have taught children for many years as well as senior citizens. Am both a certified elementary teacher and reading teacher. Like to read to kids, share poetry, teach poetry, publish it, read it. Have AV, electronics background, interested in computers in teaching; nature; little theater; puppetry; "New" games and lots more. Want to live in a cooperative community; share meals or food purchasing. Any community looking for a good teacher or know of a school that is?

WANT TO LEARN VEGETARIAN COOKING

I want to learn simple vegetarian cooking for one or two people, preferably in harmony with a low fat, low carbohydrate non-fattening diet. Also interested in learning general cooking skills.

WANT TO LEARN PROGRAMING

To program micro computers; possibly in exchange for my teaching or tutoring reading &/or study skills or poetry to you or someone in your family.

Want to Share HUGS, AFFECTION, FRIENDSHIP with many people but especially with one woman. I'm a poetic, romantic, nature-loving man in my fifties but looking younger. Looking for a woman, preferably under 55 from 5'2" to about 5'9", give or take a little (I'm about 5'11"). Want someone who shares many of my interests: a love of nature; classical music; folk music; some other kinds; antiques and things colonial; architecture; reading; sitting by a fire, touching, talking, loving. Someone for whom religion is not too important or who is of a liberal religious persuasion; attractive, slender to medium build. I am a certified teacher looking for a position in the fall in teaching or publishing. May take a computer course or other course to "retool". Any ideas? I like to correspond with any age and exchange pictures before meeting. Don't let my state of transition scare you. I am unattached, as I want you to be, and might relocate near you. Give me a try.

Mr. J. K.

* *

The gentleman who wrote the above messages lives in New Jersey not far from New York City, you may write him c/o OTHER NETWORKS --

NETWORKING, GLOBAL TRANSFORMATION, A. T. (APPROPRIATE TECH)

TRANET is a global transnational network of, by and for people who are changing the world by changing their own lifestyles - adopting appropriate technologies. We see people-to-people networks as critical if the confrontations inherent in nation-states is to be controlled. People at the grass roots are taking on functions through cooperative networking which were previously left to governments. TRANET welcomes your membership and input.
TRANET - Box 567 Rangeley, ME 04970

WRITING GROUP

I'm interested in forming a short story writing & criticism group to read & help out in the writing of prose (short pieces).
LINDA APPELL (215) 222-0411
Chestnut Hall, Apt 904
3900 Chestnut St. Phila PA 19104

OBSTACLES TO PEACE

What are some important obstacles to peace and how might they be overcome?

1. Cultural influences: to be first, win
2. Attitudes of "I'm right/you're wrong"
3. Need to "get even", get revenge
4. Fear: lack trust, understanding
5. Pursuit of profit: selfishness, greed
6. Having a "vested interest"
7. No alternative security system to replace arms threat
8. No realization of global and human interrelationships and interdependence
9. Universal Design requirement: harmony
10. Immaturity of vast numbers of people

Aren't #1-6 obstacles founded on #10? These are related to low self-image. How can people be helped to develop mature attitudes? Perhaps if they could see themselves in the behavior of others through films, video, slide shows, etc. If anyone knows of such material or someone who could develop it, please contact me.
MARY C. EUBANKS, 4172 Highland Ave.
San Diego, CA 92105, (714) 280-7345

FREE MEDITATION CLASSES

We offer a unique approach to inner development - combining yoga and meditation techniques with heartfelt work for social justice. We have experienced instructors teaching classes throughout PHILADELPHIA. All instruction is free. Books on meditation are also available.
PROUTIST UNIVERSAL 228 S. 46th Street
Phila PA 19139 (215) 387-6356

SOAPBOX

Call'ng Z'armoury Amorous Heads

Will you please politely shriek out to the radical punk rockers of Philly Liberty City to hark upon stoking bonfires full of questions-about-reality hikinsskyness?, so as weus can ease towards a shutting the country down from, simply, questing the answers to the mountains of questions concerning our present koan-problems and wondrous future possibilities!

STRANGER ALIEN ROCK

8405-9 Philosophy Road Lanes
Dancing Stones City, Sunbow Region
America, Planet Earth Civilization

STEWARDSHIP VS. STATISM

Dear Paul Angel, As you say on p. 3 of O. N. Summer issue, decentralization is necessary, yet to prevent our social fragmentation into a Dark Age of uncoordinated self-sustaining enclaves, we need a principle of social integration. For the past 5000 plus years, STATISM has integrated all socio-economic activity by suing productive property as an instrument of coercion, brainwashing and violence. Of course this is destroying us. The alternative may be STEWARDSHIP which uses productive property as an instrument of the effective exercise and expression of moral conscience. The enclosed Stewardism newsletter and the "Community Stewardship Co-op MANUAL" may better explain why STEWARDSHIP is necessary and how it may work. Best wishes
MARK KINNEY, Box 150, Mount Vernon, OH, 43050 (614) 393-1611

Resources

U.S. PROGRESSIVE PERIODICALS DIRECTORY - access info on 380 "social justice" mags & newsletters. Single copies \$4, Progressive Education, PO Box 120574 Nashville TN 37212

ALTERNATIVE AMERICAS - A book by Mildred Loomis, decentralist who has been called the "grandmother of the counter-culture", prefaced by Hazel Henderson. 176 pages - \$7.95

THE GAY PRESS ASSOCIATION has launched a research project to determine the use of and interest in computers and telecommunications among the Gay and Lesbian community. A survey will be sent to media, organizations, and individuals, write PO Box A, Old Chelsea Station, New York, NY 10011

Cassette tapes of **ROBERT MULLER** speaking on a variety of subjects, eg. Global Problems of Humanity & Towards a New Planetary Vision and other subjects are available from Global Speakers, Inc. 475 Fifth Ave New York, NY 10017

VOICES FOR THE FUTURE - cassette tapes of Helen Caldicott, Phil Berrigan Cardinal Krol and many others speaking on disarmament/peace issues available for "donations" from the Aquarian Research Foundation 5620 Morton St. Phila PA 19144

AUSTRALIAN ALTERNATIVES

Lists of Rural Communities, Spiritual Growth Groups, Organic Societies, Conservation Groups, Alternative Media, in Australia or New Zealand -Donation basis

ALSO - work for your keep on Organic farms --membership basis, Details from:

LIONEL POLLARD, 7 Duncan Ave. Boronia, Vic. 3155 AUSTRALIA

*indicates that contact info is provided for the authors of messages or articles.

* THE PLANNERS NETWORK

Publishes a newsletter/message exchange for its members. Items mostly 50 - 100 words contain info of local & national interest to the socially conscious city/social Planners who contribute material. Housing, progressive politics, co-op economics, job openings, conference & book reports fill the 8 page typeset 8 1/2 x 11" issue #35. \$20 suggested contribution 1901 Que St. N.W. Wash DC 20009

NOMADIC BOOKS - "Guidebooks for travelers without much money". Adventure Cycling in Europe and Traze Siberia By Rail are just two of the 10 fascinating titles on pages 4&5 of this 20 page catalog of books that are difficult to find, especially in the places they cover. Kevin is also looking for authors to publish some new books. Kevin Kelly, PO Box 454 Athens GA 30603

N. A. L. S. A. S. - National Association for the Legal Support for Alternative Schools - challenging compulsory attendance laws and providing support to parents of "home schoolers". newsletter "Tidbits" - \$10, full membership, \$20.

DIRECTORY OF CORRESPONDENCE CLUBS - mostly for "lonely hearts", this 4 page list contains about 80 pen pal clubs and other services for the lonely. Also available are lists of publications with pen pal columns, \$2 from Homestead Hotline, 720 Morrow Ave. Clayton, NJ 08312

THE EARTHSTEWARDS NETWORK

A national network of folks who know they can make a positive difference in our world. We network to help one another be the best stewards we can. For info write: **HOLYEARTH FOUNDATION** Box 873, Monte Rio, CA 95462

*** WISE** - World Information Service on Energy - "International Networking Bulletin for the Safe Energy Movement" with relays in 13 countries & a world wide network of grass roots contacts. Updates on energy events from nuclear disasters to new uses for solar energy. Articles from around the world, complete with contact info for each. 20 pages 5 1/2 x 8 1/2 \$12.50/yr from WISE- Washington, Rm 533, 1346 Connecticut ave NW Washington, DC 20036

GUIDE TO DISARMAMENT MEDIA 8 page guide describes 26 films, video tapes and slide shows plus related resources, distributors and low-cost film libraries - \$1 from The Media Network, 208 W. 13th St New York, NY 10011

FRUITION - promotes public access fruit & nut trees and community food-tree nurseries; as well as education for achieving superior health simply and naturally. 2 issues/yr \$10 The Plan, Box 872, Santa Cruz, CA 95061

*** NEIGHBORHOOD IDEAS** - "A bulletin for information exchange." articles and notes of various length promoting neighborhoods as units of public action & describing "practical neighborhood experience". All articles include contact info and articles are actively solicited from readers. 16 pages 8 1/2 x 11 \$20/yr from Civic Action Institute 1010 16th St NW Washington, DC 20036 (202) 293-1461

TOURING CYCLISTS' HOSPITALITY DIRECTORY - Each listed person offers a place to stay and a shower to cyclists who have given advance notice of arrival. You must list in the directory to get one. Seventh edition, nearly 1000 entries (monthly computer updates available). Free (donation please) from John Mosley, 13623 Sylvan, Van Nuys, CA 91401

MADISON URBAN MINISTRIES a local 20 page monthly newsletter (mimeo 8 1/2 x 11) with global concerns. Excellent coverage of Racism, Peace, Anti-nuke, Poverty and Civil Rights issues, both in the U.S. and abroad. (spotlights issues not seen on TV!) no cost mentioned (send donation) 1127 University Ave. Madison WI 53715

*** TRANET** - Transnational Network for Appropriate Technology- The winter issue of this 16 page 8 1/2 x 11 quarterly directory/newsletter will contain a members' directory. Each member is writing a 50 word self-description. Deadline for listing is Dec 1, 1982. The spring issue will be about Silviculture (work being done to insure the survival of trees) and the people engaged in it. (March 1 deadline) membership in TRANET is \$15 for individuals. Box 567 Rangeley ME 04970

*** COMPASS, A RESOURCE DIRECTORY** is published by the National Alliance for Voluntary Learning. It has 4 sections: People, Programs, Networks and Selected Readings. It reflects its authors' interests in voluntary and/or liberatory learning (as opposed to mandatory adult education, life long schooling and schooling as domestication). The Directory contains 65 pgs. typewritten, 8 1/2 x 11, and costs \$2.00 from N. A. V. L. Faculty of Adult Education-LEPS, Northern Illinois University, Decalb, IL 60115

WOMEN OUTDOORS MAGAZINE - Newsletter for a growing network of women who enjoy camping, climbing, hiking, and outdoor fun with other women (see ON, Spring 81). Local contacts, news, articles, art. National coverage. Quarterly. Membership in Women Outdoors incl. subscription. 474 Boston Ave. Medford, MA 02115

NEW ENVIRONMENT BULLETIN very well written local news of environmental & social work being done in what seems to be a typical American community. Has "resources" section. Covers perceptions of our changing society and shares discoveries of ideas & info on decentralism and appropriate tech. They even take the time (space) to share their group processes and games - personal yet stimulating! 4 pages, small print, \$4.50/yr -New Environment Assoc. c/o Beth Lytle 113 Gertrud St Syracuse, NY 13203

*** HOLYEARTH JOURNAL** - A blend of spiritual & activist approaches to social consciousness characterizes this well put together 8 1/2 x 11 high qual journal. Articles politics, third world native americans; poetry, art, book reviews, project descriptions and more. Contact info provided - 30page 4 issues/ \$10 from Holyearth Foundation, box 873 Monte Rio, CA 95462

THE DIRECTORY OF FEE-BASED INFORMATION SERVICES - Information Brokers, Freelancers, Information Consultants, Libraries & information services for a fee. Also publishes a newsletter titled Journal of Fee-Based Information Services and a book on how to set up your own information business. Directory costs \$12.95, Journal \$20/yr, book \$29.00 Information Alternative, PO Box 5571 Chicago, IL 60680

CLEARINGHOUSE For Community Based Free Standing Educational Institutions has a directory of members which contains two or three page self-descriptions of each member institution. Each member states its goals, services, programs and contact persons. Also published is CBE Report, a newsletter/resource exchange for community based education. Write ACBE, 1806 Vernon St. N.W. Washington, DC 20009

LANDER'S HERALD - Flo and Manny Castlewitz (see ON, Spring 81) provide a forum for rural folks to exchange ideas and services. Articles and classifieds. National coverage. Bi-monthly. \$5.95 for 12 issues. 720 Morrow Ave. Clayton, NJ 08312

FRIENDS IN COMMUNITY DEVELOPMENT - Devoted to "weaving the themes of renewable energy, self-help housing, neighborhood entrepreneurship, urban gardening, the environmental movement, resource recovery, appropriate tech, the role of Planners and economic development in general. Covers a wide range of ideas in well written articles on focused topics. 10 pages 8 1/2 x 11, small print, readers contributions encouraged, bi-monthly \$3.50/yr Ron Shegda, 38 Professors Row, Medford MA 02155 (617) 381-3394

BEAR TRIBE CATALOG - This is a comprehensive 40pg catalog of the products and services of the Bear Tribe Medicine Society. They offer classes & workshops in Native American skills & values; as well as items from tipis to deer toes. 20 pages are devoted to BOOKS available by mail order. If you have an interest in Native American lore - and the current struggle- this is where to get source material. 50¢ from PO Box 9167, Spokane, WA 99209

*** THE SYNERGY DIRECTORY** "Networking the Emerging New Age Community" This directory is for individuals! Each person may write a self-description of their participation, background, occupation, services and other interests. There are 4 indices to the main alphabetical listing of messages; index by participation, occupation/service, general interest and a concise telephone listing. The current issue has 38 pgs of main listings (over 300 people) mostly from the Washington DC area. Listings are free to subscribers and may be up to 100 words in length (with free up-dating) \$3 for non-subscribers. Subscriptions are \$25/yr **SYNERGY SUPPORT CENTER** 1540 Moorings Dr. Reston, VA 22090 (703) 471-1032



Letters

A WORD FROM THE FOLKS AT HEALING LIGHT

STAN,

PEACE AND WELL WISHES FROM SUNNY BUT CRISP STEAMBOAT SPRINGS, COLORADO. RICHARD FOX HERE AT THE COMMUNICATIONS OFFICE.. BUSY TIMES HERE WITH THE COMMUNICATIONS PROGRAM PICKING UP STEAM, TREEPLANTING IN IDAHO AND MONTANA, CONTRACTING IN THE SOUTHEAST FOR WINTER WORK, AND TRYING TO KEEP UP WITH IT ALL. BEEN SPENDING A GOOD AMOUNT OF TIME LEARNING ABOUT THIS COMPUTER, AND WORKING WITH THE VARIOUS PROGRAMS AND INTERNAL ROUTINES IT HAS.. I'M IMPRESSED!!! THIS IS BEING TYPED ON OUR VISIDEX PROGRAM WHICH IS A NETWORKERS DREAM IN TERMS OF SORTING AND PROCESSING INFORMATION. WE WILL BE GETTING A TEXT EDITOR PROGRAM SOON TO GET INTO A STANDARD 80 COLUMN REPORT FACILITATOR. MEANWHILE, I USE THIS OR GET ON THE TYPEWRITER OR PEN... ENCLOSED IS A VERY PRELIMINARY PART OF A PACKET ON ORGANIZING A NETWORKING CENTER. IT'S IN DRAFT FORM STILL BUT I THOUGHT I'D PASS IT PAST YOU FOR COMMENTS, ADVICE, AND ADDITIONS... ALSO ENCLOSED IS VARIOUS LITERATURE WHICH WILL BE AN AID TO SEE THE DIRECTION OF OUR PROGRAMS.

I AM GLAD TO HAVE THIS OPPORTUNITY TO WORK WITH YOU. I LIKE YOUR WORK, AND I KNOW HOW EASY IT ISN'T. I'VE BEEN AN EDITOR FOR THREE NEWSPAPERS, AND HAVE WORKED IN PUBLICITY AND PROMOTION CAPACITIES THE LAST 5-6 YEARS.. EVEN GOT TO WORK WITH THE ONEARTH FESTIVAL AND THE NETWORK OF LIGHT ON MAUI, HAWAII, WINTER BEFORE LAST. SINCE WORKING WITH AND FOR HOLISTIC HEALTH AND COMMUNITIES IS NOT GENERALLY VERY LUCRATIVE, I CONTINUE TO WORK AS A CONTRACTOR FOR "COTTAGE INDUSTRIES FORESTRY". THIS YEAR WE PLANTED OVER 1.4 MILLION TREES SO FAR. QUITE THE YEAR!!!! THIS ALSO LETS ME TRAVEL AROUND ABIT SINCE WE WORK FROM IDAHO TO MISSISSIPPI AND GEORGIA, WITH AN EMPHASIS IN THE ROCKY MOUNTAINS. NOT AN EASY BUSINESS, BUT REWARDING IN ITS OWN WAY.. WE USE A LOT OF ALTERNATIVE COMMUNITIES PEOPLE IN THE FORESTRY BUSINESS AND THAT'S FUN TOO!!.

ANYWAY, I'M WANDERING AROUND A BIT TO GIVE YOU SOME BACKGROUND ON MYSELF.. I KNOW I LIKE TO KNOW SOME ABOUT THE PEOPLE I MEET... AS FOR HLF COMMUNICATIONS, WE ARE NEAR THE END OF YEAR ONE OF A FIVE YEAR PLAN TO DEVELOP

THIS CENTER. WE'RE IN A GOOD PLACE AND SUPPORTIVE ENVIRONMENT. WE'LL SEE WHERE IT GOES. OUR HISTORY IS COMPLEX WITH

A LOT OF VARIED HOLISTIC HEALTH, COMMUNITY AND COMMUNICATIONS SKILLS. WE HAVE FIVE YEARS WORTH OF FILES AND EXPERIENCE IN NETWORKING. WE WANT TO KEEP FOCUSED ON BEING A NATIONAL CENTER THOUGH WE ARE CONCURRENTLY DEVELOPING COMPREHENSIVE REGIONAL FILES ALSO.

I AM AVAILABLE MOST DAYS. WILL BE LEAVING FOR AWHILE IN MID NOVEMBER. ABOUT 8:30-9:30 IS A BETTER TIME THAN MOST. I HOPE YOU'LL CALL OR WRITE AND WE CAN GET DOWN TO HOW WE CAN BE OF MAXIMUM BENEFIT TO EACH OTHER. BE WELL,

RICHARD W. FOX

Write HLF at Box 880400,
Steamboat Springs, CO 80488

Dear Seth & Stan,

Thanks for a very interesting Other Networks - The Summer '82 issue. Aside from its strong interest to me, I was rewarded with a real inspiration from Paul Angel's article (on multilogues) and am planning a ML of my own.

It will be for Black Bart readers (you reviewed BB on p 24, for which I thank you very much!), and should thus get off to a fast start - especially as I'll be mailing 200 copies per issue. Actually it will serve as a long-sought networking medium, one of BB's greatest deficiencies. I can't believe that I've not crossed tracks with the ML idea in all this time! Anyway, thank you & Paul for turning me onto it, and facilitating the interaction of this network.

I wonder where you latched on to BB? Several in your journal are familiar names- Jessica Lipnack, Rodger Pritchard, and Jim Gunn - all BB readers. I'd be perfectly happy to exchange with you on a regular basis, if you wish. And will of course provide a review of O. N. in the next BB.

Irv Thomas

-- Irv has been publishing Black Bart, a renegade, mimeographed literary journal for over 10 years. BLACK BART, P.O. Box 48 Canyon, CA 94516 --

We believe that since the Media Project is a non-profit organization, our financial records should be open to anyone interested--especially you, our readers. These figures cover our expenses and income from SMALL WORLD and Other Networks, including all the gathering and processing of information associated with these projects since the Summer 1982 issue of OTHER NETWORKS

<u>Income:</u>		<u>Expenses:</u>	
Gifts	\$197.00	Printing & Photocopying	\$316.48
Subscriptions to O. N.	380.00	Postage & Shipping	88.82
SMALL WORLD users	19.00	Research	27.00
		Supplies	29.36
Total	\$596.00	Phone	35.00
		Bank Charges	9.56
Balance in bank:	\$89.78	Total	\$506.22

We are delighted that we have so many new subscribers (thanks, Art K.!) to Other Networks and as you can see, our income has covered the cost of this issue. But to continue to publish, we need some capital to make up each succeeding issue and we encourage all tax-deductible donations and subscriptions. Thank you for your financial encouragement.

-- Julie K. Mills, Treas.

OTHER NETWORKS subscription form

I wish to subscribe to OTHER NETWORKS.

Single copy price: \$2.00

In return for a one year (4 issue) subscription,

- (check one)
- ☐ I am enclosing \$15... (\$5 for those "living lightly")
- ☐ I agree to write a short article on networks or networking. (enclosed)
- ☐ I (we) will exchange my (our) newsletter for OTHER NETWORKS. (enclosed is a recent issue)

name _____

organization _____

address _____

zip _____

phone () _____

make checks payable to:

OTHER NETWORKS
P.O. Box 14066
Phila. PA 19123

Contributions to assist our work are welcome, all contributions are tax deductible.

..... AND THUS, DEAR READER,
(THUS?) THUS
THIS? (ON WITH IT... WHO
THE HELL IS THIS STRANGE MILD
MANNERED WEIRD WHO WALKS
UP TO AN AVERAGE TELEPHONE-
ON-THE-STREET AND TRANSPORTS
IT INTO A REMOTE MASTER
TERMINAL CONNECTING HIM
TO ANY GLOBAL COMPUTER
NETWORK AND TYPES INTO
IT AT THE INCREDIBLE RATE
OF 300 BAUD [REALLY?] USING
MUTATED VIBRATORY FINGER
MUSCLES, AND WHERE'D THAT
CAPE COME FROM ANYWAY?...)

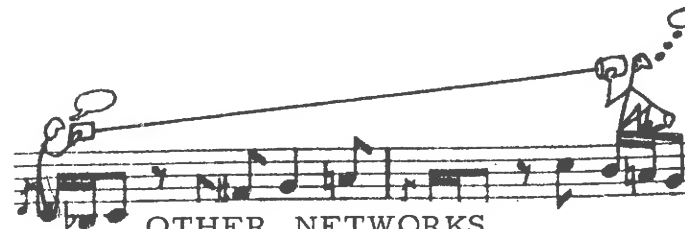
OK! OK! I'LL ANSWER
YOUR QUESTION (....)
SEARS! (SEARS?)
THE CAPE. (F---
THE CAPE ↓
WHO IS THIS
GUY !!!)

OH... JUST INFORMATION,
that's all.



...to find out, see pages 13 to 15

POSTAL EMPLOYEES MAY OBTAIN A FREE COPY!



OTHER NETWORKS
P.O. Box 14066
Phila. PA 19123

Non-Profit Org.
U. S. Postage
PAID
Phila. PA.
Permit No 687